

Date: Tue, 15 Mar 94 04:30:15 PST
From: Ham-Ant Mailing List and Newsgroup <ham-ant@ucsd.edu>
Errors-To: Ham-Ant-Errors@UCSD.Edu
Reply-To: Ham-Ant@UCSD.Edu
Precedence: Bulk
Subject: Ham-Ant Digest V94 #66
To: Ham-Ant

Today's Topics:

Best cars for mobile HF/VHF??
Circular Polarized Loops
portable yagi

Send Replies or notes for publication to: <Ham-Ant@UCSD.Edu>

Send subscription requests to: <Ham-Ant-REQUEST@UCSD.Edu>

Problems you can't solve otherwise to brian@ucsd.edu.

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We trust that readers are intelligent enough to realize that all text herein consists of personal comments and does not represent the official policies or positions of any party. Your mileage may vary. So there.

Date: Mon, 14 Mar 94 23:35:58 GMT
From: butch!enterprise!news@uunet.uu.net
Subject: Best cars for mobile HF/VHF??
To: ham-ant@ucsd.edu

In article <2l0r4d\$krj@brahms.udel.edu>, penneys@brahms.udel.edu (Robert Penneys) writes:

|> I need to replace a car and want one which 100 watts or so of HF and 50 watts
|> or so of 2 meters or 440 will not interfere with the electronics of the
|> vehicle. Nor do I want ignition or other noise beyond the bare minimum.
|>
|> In consideration are four door sedans from the size of a Corolla up to that
|> of a Taurus. or perhaps a minivan or small pickup. Replacing a Ford
|> Aerostar.
|>
|> Will listen to all viewpoints. Tnx a million. Bob
|> --
|> Bob Penneys, WN3K Frankford Radio Club Internet: penneys@pecan.cns.udel.edu
|> Work: Ham Radio Outlet (Delaware) (800) 644-4476; fax (302) 322-8808
|> Mail at home: 12 East Mill Station Drive Newark, DE 19711 USA

My father uses a TS 50 and an IC901 in his taurus. only noise is slight alt whine on the 901. Only effect caused by xmitting is changing the speed of the key-in-ignition chime when xmitting on 440. He's happy with car.

Of course I hold onto my old 71 VW bus. Point ignition, generator, etc. all waay in the back, entire body grounded, lotsa room for rigs, etc. I'd hate to lose that car!

George Lyle, N7TNJ/6

Date: Tue, 15 Mar 1994 00:47:27 GMT
From: ihnp4.ucsd.edu!usc!math.ohio-state.edu!magnus.acs.ohio-state.edu!
slip3-11.acs.ohio-state.edu!gratclif@network.ucsd.edu
Subject: Ciruclar Polarized Loops
To: ham-ant@ucsd.edu

I was just building a loop antenna from down east microwave and started thinking:

IF the driven elements were arranged to be CP and the parasitic elements were attached to a nonconductive boom then this would seem to be a great antenna for all around use. A 3 db gain loss from linear to CP would be realized but the antenna would be much more flexible.

Anyone ever heard or tried this.

Thanks,

Greg

Gregory W. Ratcliff
Columbus, Ohio ICBM
In the Air N1697X
On the Air NZ8R

Date: Tue, 15 Mar 1994 00:29:58 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!math.ohio-state.edu!
cyber2.cyberstore.ca!nntp.cs.ubc.ca!suncad!freenet.Victoria.BC.CA!
ud837@network.ucsd.edu
Subject: portable yagi
To: ham-ant@ucsd.edu

Thanks to those who replied to my earlier message about portable yagis... so what it looks like is that I want to make one of these "arrow antennas", if anyone could post the plans it would be much appreciated :)

-ed

Date: Tue, 15 Mar 1994 02:20:31 GMT
From: netcomsv!netcomsv!bongo!julian@decwrl.dec.com
To: ham-ant@ucsd.edu

References <CMEwoG.3vz@on.bell.ca>, <1994Mar11.001213.4832@pony.Ingres.COM>, <1994Mar14.174346.8544@kocrv01.delcoelect.com>
Subject : Re: LUMINA APV, mobile antenna - HELP

In article <1994Mar14.174346.8544@kocrv01.delcoelect.com>
c2xjcb@kocrv01.delcoelect.com (James Bach) writes:
>
>> In article <CMEwoG.3vz@on.bell.ca> ydupont@Qc.Bell.CA writes:
>>
>>> Does anyone have a suggestion for mobile antenna to put on a Chevrolet
>>> LUMINA APV? This vehicle is PLASTIC...
>>
>>> What are your experience or suggestion with that kind of problem!
>>
>Have you checked with your dealer? What year APV is it? This was a
>problem with the 1st years' (and 2nd years') vehicles, but I had heard
>(unsubstantiated) that GM was going to put a metal plate in the roof
>(under the plastic) so that people could mount antennas. I'm not sure
>if this ever happened, though. The dealer SHOULD know.

With old style Corvettes, I once mounted an antenna in the flat rear deck. To provide a groundplane, I mounted old aluminium litho plates under the fiberglass with double sticky tape (The industrial strength type for carpets). Then I drilled the hole for the antenna. Worked like a champ.

Just make sure you use a big enough litho plate to provide a 1/4 wavelength round the hole.

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Julian Macassey, N6ARE julian@bongo.tele.com Voice: (310) 659-3366
Paper Mail: Apt 225, 975 Hancock Ave, West Hollywood, California 90069-4074

End of Ham-Ant Digest V94 #66
